

TGG2 monoclonal antibody

Catalog: MB9534

Host: Mouse

Reactivity: Arabidopsis thaliana

BackGround:

May degrade glucosinolates (glucose residue linked by a thioglucoside bound to an amino acid derivative) to glucose, sulfate and any of the products: thiocyanates, isothiocyanates, nitriles, epithionitriles or oxazolidine-2-thiones. These toxic degradation products can deter insect herbivores. Seems to function in abscisic acid (ABA) and methyl jasmonate (MeJA) signaling in guard cells. Functionally redundant with TGG1.

Product:

Mouse IgG1, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

63kDa

Swiss-Prot:

Q9C5C2

Purification&Purity:

ProG purified.

Applications:

WB:1:500-1:2,000

IHC:1:200

IF:1:50-1:200

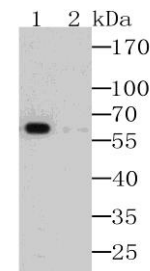
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C. Avoid repeated freeze / thaw cycles.

Specificity:

TGG2 monoclonal antibody detects endogenous levels of TGG2 protein.

DATA:

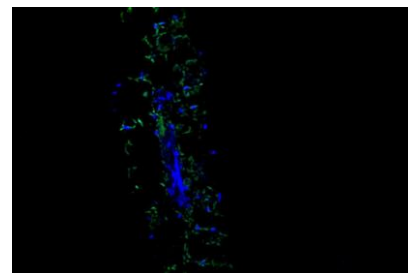


Western blot analysis of TGG2 on Arabidopsis thaliana lysates.

Positive control:

Lane 1: Anti-TGG2 antibody, 1/1,000 dilution.

Lane 2: Anti-TGG2 antibody, preincubated with the control peptide antigen.



IF staining TGG2 (green) in Arabidopsis thaliana (longitudinal section).

The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Note:

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151